

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 053694-0135
INTERNATIONAL APPLICATION NO. PCT/GB04/03000	INTERNATIONAL FILING DATE 7/9/2004	U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/563,117
		PRIORITY DATE CLAIMED 7/10/2003
TITLE OF INVENTION DIRECTIONAL DISPLAY APPARATUS		
APPLICANT(S) FOR DO/EO/US Graham John WOODGATE et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/>	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.	
2. <input checked="" type="checkbox"/>	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.	
3. <input type="checkbox"/>	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.	
4. <input type="checkbox"/>	The US has been elected (Article 31).	
5. <input type="checkbox"/>	A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)	
6. <input type="checkbox"/>	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <input type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).	
7. <input type="checkbox"/>	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made.	
8. <input type="checkbox"/>	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).	
9. <input type="checkbox"/>	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).	
10. <input type="checkbox"/>	An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).	
Items 11 to 20 below concern other document(s) or information included:		
11. <input checked="" type="checkbox"/>	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.	
12. <input type="checkbox"/>	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.	
13. <input type="checkbox"/>	A preliminary amendment.	
14. <input type="checkbox"/>	An Application Data Sheet under 37 CFR 1.76.	
15. <input type="checkbox"/>	A substitute specification.	
16. <input type="checkbox"/>	A power of attorney and/or change of address letter.	
17. <input type="checkbox"/>	A computer-readable form of the sequence listing in accordance with PCT Rule 13/er.2 and 37 CFR 1.821 – 1.825	
18. <input type="checkbox"/>	A second copy of the published international application under 35 U.S.C. 154(d)(4).	
19. <input type="checkbox"/>	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).	
20. <input type="checkbox"/>	Other items or information	

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<p>The following fees have been submitted:</p> <table border="1"> <tr> <td>21. <input type="checkbox"/> Basic national fee</td> <td colspan="3">\$300</td> <td>\$ 0.00</td> <td></td> </tr> <tr> <td>22. <input type="checkbox"/> Examination fee</td> <td colspan="3"></td> <td></td> <td></td> </tr> <tr> <td colspan="4">If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)</td> <td>\$100</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="4">All other situations</td> <td>\$200</td> <td></td> </tr> <tr> <td>23. <input type="checkbox"/> Search fee</td> <td colspan="3"></td> <td></td> <td></td> </tr> <tr> <td colspan="4">Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority</td> <td>\$100</td> <td></td> </tr> <tr> <td colspan="4">International Search Report prepared and provided to the Office</td> <td>\$400</td> <td></td> </tr> <tr> <td colspan="4">All other situations</td> <td>\$500</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE 21, 22 and 23 =</td> <td>\$ 0.00</td> <td></td> </tr> <tr> <td colspan="6"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof. </td> </tr> <tr> <td>Total Sheets</td> <td>Extra sheets</td> <td colspan="2">Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td colspan="2">RATE</td> </tr> <tr> <td>47 - 100 = 0</td> <td>/50 = 0</td> <td colspan="2"></td> <td>x \$250.00</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="6">Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))</td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td colspan="2">RATE</td> <td>\$</td> </tr> <tr> <td>Total Claims</td> <td>18 - 20 = 0</td> <td></td> <td>x \$</td> <td>50.00</td> <td>\$ 0.00</td> </tr> <tr> <td>Independent Claims</td> <td>3 - 3 = 0</td> <td></td> <td>x \$</td> <td>200.00</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$</td> <td>360.00</td> <td>\$</td> </tr> <tr> <td colspan="5">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="5"> <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. </td> <td>+</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="6">SUBTOTAL = \$ 0.00</td> </tr> <tr> <td colspan="6">Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</td> </tr> <tr> <td colspan="6">TOTAL NATIONAL FEE = \$ 0.00</td> </tr> <tr> <td colspan="6">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property</td> </tr> <tr> <td colspan="6">TOTAL FEES ENCLOSED = \$ 0.00</td> </tr> <tr> <td colspan="6"> <table border="1"> <tr> <td>Amount to be refunded:</td> <td></td> </tr> <tr> <td>charged:</td> <td></td> </tr> </table> </td> </tr> <tr> <td colspan="6"> a. <input type="checkbox"/> A check in the amount of \$ 0.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. <u>19-0741</u> in the amount of \$ 0.00 to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0741</u>. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charge to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. </td> </tr> <tr> <td colspan="6">NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</td> </tr> <tr> <td colspan="6">SEND ALL CORRESPONDENCE TO:</td> </tr> <tr> <td colspan="6"> Foley & Lardner LLP Customer Number: 22428 </td> </tr> <tr> <td colspan="6"> <u>Michael D. Kaminski</u> SIGNATURE <u>Michael D. Kaminski</u> NAME <u>32,904</u> REGISTRATION NUMBER </td> </tr> </table>						21. <input type="checkbox"/> Basic national fee	\$300			\$ 0.00		22. <input type="checkbox"/> Examination fee						If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)				\$100	\$ 0.00	All other situations				\$200		23. <input type="checkbox"/> Search fee						Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority				\$100		International Search Report prepared and provided to the Office				\$400		All other situations				\$500	\$ 0.00	TOTAL OF ABOVE 21, 22 and 23 =				\$ 0.00		<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof.						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March 30, 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Graham John WOODGATE et al.

Title: DIRECTIONAL DISPLAY
APPARATUS

Appl. No.: 10/563,117

Filing Date: 01/03/2006

Examiner: Unassigned

Art Unit: Unassigned

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

The USPTO has waived the requirement under 37 CFR 1.98(a)(2)(iii) to submit copies of cited pending applications which are stored in the USPTO's Image File Wrapper (IFW) system. Applications filed on or after June 30, 2003, and international applications that have entered the national stage on or after June 30, 2003, have been or are being scanned

Atty. Dkt. No. 053694-0135
into the IFW system. Accordingly, copies of these types of documents are not being supplied in connection with this application. Reference is being made to OG Notice dated October 19, 2004, *Waiver of the Copy Requirement in 37 CFR 1.98 for Cited Pending U.S. Patent Applications.*

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the date of entry of the national stage as set forth in 37 CFR §1.491.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English. Some of the documents were cited as being relevant during the prosecution of the corresponding International application. A copy of the International Search Report is attached setting forth the portion of each document considered relevant by the Examiner.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

Date March 30, 2006

By Michael D. Kaminski

FOLEY & LARDNER LLP
Customer Number: 22428
Telephone: (202) 672-5490
Facsimile: (202) 672-5399

Michael D. Kaminski
Attorney for Applicant
Registration No. 32,904

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/563,117
Date Submitted: March 30, 2006				Filing Date	01/03/2006
(use as many sheets as necessary)				First Named Inventor	Graham John WOODGATE
Sheet	1	of	1	Group Art Unit	Unassigned
				Examiner Name	Unassigned
				Attorney Docket Number	053694-0135

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
A1	4,959,641			Bass et al.	09/25/1990	
A2	6,069,650			Battersby	05/30/2000	
A3	6,535,256	B1		Ishihara et al.	03/18/2003	

U.S. PATENT APPLICATION DOCUMENTS

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		Serial Number	Kind Code ² (if known)			
A4	10/544,257			Graham John WOODGATE et al.	09/16/2005	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
A5	EP	0 829 744		A2	Sharp Kabushiki Kaisha	03/18/1998		
A6	EP	0 833 183		A1	Sharp Kabushiki Kaisha	04/01/1998		
A7	JP	2000-162435			Asahi Glass Co. Ltd.	06/16/2000		Abs
A8	JP	2001-77203.			Seiko Epson Corp.	03/23/2001		Abs
A9	WO	98/21620			Philips Electronics N.V.	05/22/1998		
A10	WO	03/015424		A2	Ocuity Limited	02/20/2003		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.						T ⁶	
A11		BERKEL, Cees Van et al, "Multiview 3D-LCD", Proc of SPIE, Vol. 2653, 1996, pgs. 32-39.							
A12		EICHENLAUB, Jesse B., "Developments in Autostereoscopic Technology at Dimension Technologies Inc.", Proc of SPIE, Vol. 1915, 1993, pgs. 177-186.							
A13		LG Commander et al., "Electrode Designs for Tunable Microlenses", Microlens Arrays, EOS Topical Meeting, 1997, Vol. 13, pgs. 48-58.							
A14		OKOSHI, T., "Three -Dimensional Imaging Techniques", Academic Press, 1976.							
A15		SUYAMA, S. et al., "3-D Display System with Dual-Frequency Liquid-Crystal Varifocal Lens", SID 97 Digest, pgs. 273-276.							

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.